



Certificate of Analysis

Lab Sample Number: SCC-180726-004-001
Sample Type: Adult and Medicinal
Sample Matrix: OIL
Sample Size: 12 units
Batch No.: MCE005-SP
Batch Size: 1200 units
Sample Info: MCE 005-SP

H2Distro
Mara Dickson
807 54th Ave
Oakland, CA 94601
Lic. # A11-18-0000265-TEMP
C11-18-0000028-TEMP

Manufacturer: Town Buds LLC DBA; Royal Oil Co.; 807 54th Ave.

Date Sample Collected: 7/26/2018, Date Received: 7/26/2018, Date Reported: 8/1/2018

Cannabis Potency - No Customer Label Provided			Residual Solvent and Processing Chemicals Category I & II			Pesticides LC-MSMS Category I & II		
Reference: SC-VAL-180808			Reference: USP <467>			Reference: AOAC 2007.01		
Method: Cannabis Potency by	Date Tested: 7/26/2018		Method: HS-GC-FID	Date Tested: 7/26/2018		Method: HPLC-MS QQQ	Date Tested: 7/26/2018	
LOD: 0.00005%	LOQ: 0.0001%		LOD: 5.0 ug/g	LOQ: 1.0 ug/g		LOD: 0.05 ug/g	LOQ: 0.1 ug/g	
Test	Result / Units:	Pass/Fail:	Test	Result / Units:	Pass/Fail:	Test	Result / Units:	Pass/Fail:
THC Customer Label	NA mg/g		Isopropyl alcohol	<1 ug/g	Pass	Methiocarb	ND ug/g	Pass
THC (mg/g)	393.18 mg/g		Methanol	<1 ug/g	Pass	Mevinphos	ND ug/g	Pass
THC (%)	39.38 %		Pentane	<1 ug/g	Pass	Paclobutrazol	ND ug/g	Pass
THCA Customer Label	NA mg/g		Propane	<1 ug/g	Pass	Propoxur	ND ug/g	Pass
THCA (mg/g)	44.60 mg/g		Toluene	<1 ug/g	Pass	Spiroxamine	ND ug/g	Pass
THCA (%)	4.46 %		Total xylenes (ortho-, meta-, para-)	<1 ug/g	Pass	Thiacloprid	ND ug/g	Pass
CBD Customer Label	NA mg/g		Pesticides Category GC-MSMS I & II			Abamectin	<0.1 ug/g	Pass
CBD (mg/g)	424.08 mg/g		Reference: AOAC 2007.01			Acephate	<0.1 ug/g	Pass
CBD (%)	42.40 %		Method: GC-MS QQQ	Date Tested: 7/26/2018		Acequinocyl	<0.1 ug/g	Pass
CBDA Customer Label	NA mg/g		LOD: 0.05 ug/g	LOQ: 0.1 ug/g		Acetamiprid	<0.1 ug/g	Pass
CBDA (mg/g)	15.62 mg/g		Test	Result / Units:	Pass/Fail:	Azoxystrobin	<0.1 ug/g	Pass
CBDA (%)	1.56 %		Chlordane	ND ug/g	Pass	Bifenazate	<0.1 ug/g	Pass
CBG Customer Label	NA mg/g		Chlorfenapyr	ND ug/g	Pass	Boscalid	<0.1 ug/g	Pass
CBG (mg/g)	3095.00 mg/g		Chlorpyrifos	ND ug/g	Pass	Carbaryl	<0.1 ug/g	Pass
CBG (%)	3.09 %		Coumpos	ND ug/g	Pass	Chlorantraniliprole	<0.1 ug/g	Pass
CBN Customer Label	NA mg/g		Dichlorvos	ND ug/g	Pass	Clofentezine	<0.1 ug/g	Pass
CBN (mg/g)	10.76 mg/g		Methyl parathion	ND ug/g	Pass	Cyfluthrin	<0.1 ug/g	Pass
CBN (%)	1.07 %		Bifenthrin	<0.1 ug/g	Pass	Cypermethrin	<0.1 ug/g	Pass
Residual Solvent and Processing Chemicals Category I & II			Malathion	<0.1 ug/g	Pass	Diazinon	<0.1 ug/g	Pass
Reference: USP <467>			Pentachloronitrobenzene	<0.1 ug/g	Pass	Dimethomorph	<0.1 ug/g	Pass
Method: HS-GC-FID	Date Tested: 7/26/2018		Permethrin	<0.1 ug/g	Pass	Etoxazole	<0.1 ug/g	Pass
LOD: 5.0 ug/g	LOQ: 1.0 ug/g		Pesticides LC-MSMS Category I & II			Fenhexamid	<0.1 ug/g	Pass
Test	Result / Units:	Pass/Fail:	Reference: AOAC 2007.01			Fenproximate	<0.1 ug/g	Pass
1,2-Dichloroethane	ND ug/g	Pass	Method: HPLC-MS QQQ	Date Tested: 7/26/2018		Flonicamid	<0.1 ug/g	Pass
Benzene	ND ug/g	Pass	LOD: 0.05 ug/g	LOQ: 0.1 ug/g		Fludioxonil	<0.1 ug/g	Pass
Chloroform	ND ug/g	Pass	Test	Result / Units:	Pass/Fail:	Hexythiazox	<0.1 ug/g	Pass
Ethylene Oxide	ND ug/g	Pass	Aldicarb	ND ug/g	Pass	Imidacloprid	<0.1 ug/g	Pass
Methylene chloride	ND ug/g	Pass	Carbofuran	ND ug/g	Pass	Kresoxim-methyl	<0.1 ug/g	Pass
Trichloroethylene	ND ug/g	Pass	Daminozide	ND ug/g	Pass	Metalaxyl	<0.1 ug/g	Pass
Acetone	<1 ug/g	Pass	Dimethoate	ND ug/g	Pass	Methomyl	<0.1 ug/g	Pass
Acetonitrile	<1 ug/g	Pass	Ethoprop(hos)	ND ug/g	Pass	Myclobutanil	<0.1 ug/g	Pass
Butane	<1 ug/g	Pass	Etofenprox	ND ug/g	Pass	Naled	<0.1 ug/g	Pass
Ethanol	<1 ug/g	Pass	Fenoxycarb	ND ug/g	Pass	Oxamyl	<0.1 ug/g	Pass
Ethyl acetate	<1 ug/g	Pass	Fipronil	ND ug/g	Pass	Phosmet	<0.1 ug/g	Pass
Ethyl ether	<1 ug/g	Pass	Imazalil	ND ug/g	Pass	Piperonylbutoxide	<0.1 ug/g	Pass
Heptane	<1 ug/g	Pass				Prallethrin	<0.1 ug/g	Pass
Hexane	<1 ug/g	Pass				Propiconazole	<0.1 ug/g	Pass
						Pyrethrins	<0.1 ug/g	Pass
						Pyridaben	<0.1 ug/g	Pass

Approved for release by:

As per CA BCC, this sample is a: **PASS**

The above test results only represents that portion of the product lot that has been sampled by the client and sent to Deibel Laboratories. This report conforms to 21 CFR Part 11 compliancy for electronic signatures. The final approval of this Formal Report is authorized by the individual labeled as 'Approved By'. Test results relate only to the analytical unit tested. This report cannot be reproduced except in full, and by the written consent of Deibel Labs. All information contained herein is Trade Secret and Confidential.



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Pesticides LC-MSMS Category I & II

Reference: AOAC 2007.01

Method: HPLC-MS QQQ

LOD: 0.05 ug/g

Date Tested: 7/26/2018

LOQ: 0.1 ug/g

Test **Result / Units:** **Pass/Fail:**

Spinetoram	<0.1 ug/g	Pass
Spinosad	<0.1 ug/g	Pass
Spiromesifen	<0.1 ug/g	Pass
Spirotetramat	<0.1 ug/g	Pass
Tebuconazole	<0.1 ug/g	Pass
Thiamethoxam	<0.1 ug/g	Pass
Trifloxystrobin	<0.1 ug/g	Pass

Foreign Material

Reference: MPM: V-8 FDA, Nov.2017

Method: Visual Inspection

LOD: N/A

Date Tested: 7/26/2018

LOQ: N/A

Test **Result / Units:** **Pass/Fail:**

Sand, Soil, Cinders, or Dirt	Pass	Pass
Mold	Pass	Pass
Rodent Hair	Pass	Pass
Insect Fragment	Pass	Pass
Mammalian Excreta	Pass	Pass
Imbedded Foreign Material	Pass	Pass

STEC Real-Time PCR VirX iQ-Check BioRad

Reference: BioRad

Method: VirX iQ-Check

LOD: N/A

Date Tested: 7/26/2018

LOQ: N/A

Test **Result / Units:** **Pass/Fail:**

STEC PCR VirX	Pass /g	Pass
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Salmonella Real-Time PCR IQ-Check Bio-Rad test for Cannabis

Reference: BioRad

Method: PCR IQ-Check

LOD: N/A

Date Tested: 7/26/2018

LOQ: N/A

Test **Result / Units:** **Pass/Fail:**

Salmonella PCR	Pass	Pass
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